

**SECTION 11 53 00
RANGE HOOD**

PART 1 - GENERAL

1.1 DESCRIPTION

This section specifies a pre-fabricated kitchen range hood.

1.2 RELATED WORK

Electrical Connections: Section 26 05 11, REQUIREMENTS FOR ELECTRICAL INSTALLATIONS.

1.3 QUALITY CONTROL

- A. Manufacturer Qualifications: Manufacturer regularly and presently manufactures range hoods.
- B. Electrical Components and Devices: UL listed and labeled for intended use.

1.4 SUBMITTALS

- A. Submit in accordance with Section 01 33 23, SHOP DRAWINGS, PRODUCT DATA, AND SAMPLES.
- B. Manufacturer's Literature and Data: Include illustrations and descriptions of range hoods.

PART 2 - PRODUCTS

2.1 RANGE HOODS

- A. Description: 36" wide range hood with the following characteristics:
 - 1. Finish shall be matte finish stainless steel.
 - 2. Hood shall be capable of ducted installation, baffled filter with manufacturer's standard wall cap.
 - 3. Controls shall be flush-mounted on face of hood.
 - 4. Light fixture shall consist of two Par20 halogen flood lights.
 - 5. Hood cabinet shall be 12 inches clear depth to accommodate extinguishing system. Verify clearance as required by extinguishing system provided.
- B. Components:
 - 1. Blower: Shall be centrifugal blower with three-speed electronic push button control.
 - a. Blower shall automatically be turned to high speed when excess cooking heat is detected.
 - b. Air delivery shall be minimum 500 cfm
 - c. Sound level shall be maximum 0.9 sones/100 cfm – 4.5 sones/300 cfm.
 - 2. Electrical requirements: 120 V, 60 hertz, 2.0 Amps.
- C. Manufacturer:
 - 1. Hood shall meet all requirements listed.
 - 2. Range hood shall be complete with filter and two halogen lamps.

PART 3 - EXECUTION

3.1 INSTALLATION

Install range according to manufacturer's written instructions.

3.2 TESTS

- A. Field test installed range hood to verify proper operation.

3.3 PROTECTING AND CLEANING

- A. Protect range hood from dirt, water, and chemical or mechanical injury during the remainder of the construction period.
- B. At the completion of work, clean range hood as required to produce ready-for-use condition.

3.4 OPERATING INSTRUCTIONS

Instruct personnel and transmit operating instructions in accordance with requirements in Section 01 00 00, GENERAL REQUIREMENTS.

--- E N D ---